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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yongdong ZHAO et al.

Group Art Unit: 2738

Appln No. : 09/488,926

Filed : January 21, 2000

For : APPARATUS AND METHOD FOR CONGESTION CONTROL IN HIGH SPEED NETWORKS

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. 1.56, 1.97-1.98, applicants call the following documents to the Examiner's attention:

U.S. Patent No. 5,509,001, to TACHIBANA et al., issued on April 16, 1996;

U.S. Patent No. 5,497,375, to HLUCHYJ et al., issued on March 5, 1996;

U.S. Patent No. 5,488,609, to HLUCHYJ et al., issued on January 30, 1996;

U.S. Patent No. 5,463,620, to SRIRAM, issued on October 31, 1995;

U.S. Patent No. 5,455,820, to YAMADA, issued on October 3, 1995;

U.S. Patent No. 5,442,624, to BONOMI et al., issued on August 15, 1995;

U.S. Patent No. 5,446,733, to TSURUOKA, issued on August 29, 1995;

U.S. Patent No. 5,434,848, to CHIMENTO, JR. et al., issued on July 18, 1995;

U.S. Patent No. 5,432,713, to TAKEO et al., issued on July 11, 1995;

U.S. Patent No. 5,430,721, to DUMAS et al., issued on July 4, 1995;

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U.S. Patent No. 5,400,329, to TOKURA et al., issued on March 21, 1995;

U.S. Patent No. 5,357,510, to NORIZUKI et al., issued on October 18, 1994;

U.S. Patent No. 5,313,454, to BUSTINI et al., issued on May 17, 1994;

U.S. Patent No. 5,280,470, to BUHRKE et al., issued on January 18, 1994;

U.S. Patent No. 5,274,625, to DERBY et al., issued on December 28, 1993;

U.S. Patent No. 5,179,549, to JOOS et al., issued on January 12, 1993;

U.S. Patent No. 5,864,538 to CHONG et al., issued on January 26, 1999;

U.S. Patent No. 5,675,576 to KALAMPOUKAS et al., issued on October 7, 1997;

"On Closed-Loop Rate Control for ATM Cell Relay Networks", M. HLUCHYJ et al.,

IEEE 0743-166X/94 cited on page 2 of the specification;

"Dynamical Behavior of Rate-Based Flow Control Mechanisms", J.C. BOLOT et al.,
cited on page 2 of the specification;

"The OSU Scheme for Congestion Avoidance in ATM Networks Using Explicit Rate
Indication", R. JAIN et al., OSU Tech Report OSU-CISRC-1/96 TR02, cited on page 2 of
the specification;

"Feedback Control of Congestion in Packet Switching Networks: The Case of a Single
Congested Node", L. BENMOHAMED et al., IEEE/ACM Transactions on Networking Vol.
1, No. 6, Dec. 1993, IEEE Log No. 9215398 1993, cited on page 4 of the specification;

"Queue Response to Input Correlation Functions: Continuous Spectral Analysis", S.Q.
LI et al., IEEE/ACM Transactions on Networking Vol. 1, No. 6, Dec. 1993, IEEE Log No.
9215397, cited on page 6 of the specification;

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"Link Capacity Allocation and Network Control by Filtered Input Rate in High Speed Networks", S.Q. LI et al., IEEE Globecom '93 Conference, Houston, Texas, Dec. 1993, cited on page 6 of the specification;

"The Linearity of Low Frequency Traffic Flow: An Intrinsic I/O Property in Queuing System" S.Q., LI, et al., cited on page 17 of the specification;

"Generalized Predictive Control-Part I. The Basic Algorithm" and Part II Extensions and Interpretations, D.W. CLARK et al., International Federation of Automatic Control, 1987, cited on page 21 of the specification; and

"Analysis, Modeling and Generation of Self-Similar VBR Video Traffic", M.W. GARRETT et al., SIGCOMM 94 London England UK, August 1994, cited on page 26 of the specification.

Applicants respectfully request that the Examiner consider and cite all of the above materials. Copies of the above-noted documents have been listed on a PTO-1449 Form which is attached. Accordingly, the Examiner is requested to initial the appropriate spaces on the attached PTO-1449 Form and to return a copy of the Form to the applicants with the next official communication in the present application to confirm consideration of these documents.

Each of the above-noted documents was cited and made of record by the Examiner in the parent of the present application. Accordingly, in accordance with 37 C.F.R. § 1.98(d), copies are not required to be submitted and thus copies of these documents have not been submitted. The Examiner is invited to review and consider these documents based on the

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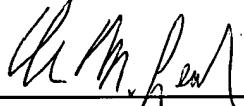
copies in the parent application.

A copy of the reference, "Asynchronous Transfer Mode-Solution for the B-ISDN", M. DePRYCKER, cited on page 14 of the specification, has not been supplied due to the fact that the book is out of print. The relevant portions of the reference merely disclose background information about the characteristics of querying delay.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Yongdong ZHAO et al.

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April 21, 2000
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